



TECHNICAL SPECIFICATIONS – TRAFFICXHUB™

TrafficXHub™	
Item	Value
Operating temperature	-40°C~70°C
Dimension	270×220×120 mm
Mean time between failures (MTBF)	100,000 hours
Power Supply Input Options	110-220VAC- 12VDC External Power Supply
	12 V Battery pack
	Solar Panel
	Power over Ethernet (PoE)
Power Consumption	Typical <4 W with GSM without Wi-Fi
	Typical <6 W with GSM with Wi-Fi
Bluetooth Module Classic	Class 1
	+18dBm TX power, -90dBm RX Sensitivity
Bluetooth Module Low Energy	+4dBm TX power (Max), -96dBm RX Sensitivity
Bluetooth Module Paired Mode	-98 RX Sensitivity
Wi-Fi Module	802.11 b/g/n
	+18dBm TX power (Max), -92dBm RX Sensitivity
Processor	Quad Core 1.2 GHz
RAM	1 GB SD
Antennas	Omnidirectional
	Bluetooth and Wi-Fi: 2400 MHz, 1.5, 2 dBi gain options, IP65
	GPS: 1574~1610MHz, 28dB gain, IP67
	GSM: 698MHz~960MHz, 2dB gain, IP67
Operating System	Linux 3.1
Enclosure	IP68
GPS	SiRF Start 4, -163dBm tracking sensitivity, 48 Track channels
GSM	Quad-band GPRS 850/ 900/ 1800/1900 MHz
	- Class 4 (2W) @ 850/900 MHz
	- Class 1 (1W) @ 1800/1900 MHz
	Sensitivity: - 108 dBm (typ.) @ 850/900 MHz - 107 dBm (typ.) @ 1800/1900 MHz
Solar Panel Power (Optional)	36 W, 7 Amp Charge Controller
Available ports	Ethernet
	USB (2 ports)